



PLC Auto Parts Production Line For Auto Oil Pipe Connector Assembly Testing

Our Product Introduction

Basic Information

- Place of Origin: Shanghai
- Brand Name: Quanstar
- Certification: ISO
- Packaging Details: wooden box
- Payment Terms: L/C,T/T



Product Specification

- Name: Automatic Assembly And Testing Line For Auto Oil Pipe Connector
- Application: Automotive Parts
- Assembled Products: Fuel And Gas Oil Pipe Joints
- Operation Mode: Fully Automated
- Control System: PLC
- Condition: New
- Highlight: **Auto Oil Pipe Connector Production Line ,
Auto Oil Pipe Connector Assembly Line ,
Auto Oil Pipe Connector PLC Line**

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Product Description

Automatic assembly and testing line for auto oil pipe connetor

Features:

It adopts a rotaty table layout, with each workstation working collaboratively to achieve continuous assembly.

It is equipped with dedicated tooling fixtures to ensure accurate positioning and stable clamping of the oil pipe joints and exhaust gas valves during the assembly process.

It integrates multiple functional modules such as automatic feeding, assembly, and inspection to form a complete automated production process.

Advantages:

Improve production efficiency: Compared to traditional manual assembly, the automated assembly line can complete various assembly tasks quickly and accurately, significantly shortening the production cycle.

Ensure assembly quality: Through precise control and inspection, the assembly accuracy and quality stability of each oil pipe joint can be ensured, reducing the reject rate.

Reduce labor intensity: It reduces manual operations. Workers only need to monitor the equipment and perform simple auxiliary work, reducing labor intensity.

Enhance product consistency: It avoids the influence of human factors on the assembly, making the product more consistent and reliable.

Save labor costs: It reduces the demand for a large number of assembly workers, thereby saving labor costs.

Real-time detection and feedback: It can detect key parameters such as size and perpendicularity of the assembled product online in real time. Once unqualified products are found, alarms are issued promptly and processing is carried out, which is conducive to quality control and problem tracing.

Flexibility and scalability: It can be adjusted and expanded relatively easily according to production demands and product changes to adapt to the assembly of different models or specifications of oil pipe joints.

Data recording and analysis: It can record relevant data during the assembly process, providing a basis for production management and quality improvement, and facilitating the continuous optimization of the production process.

Function	automatic assembly and testing line for auto oil pipe connector
Cycle time	6s
Compatibility	compatible with different specifications of pipes

汽车零部件生产设备

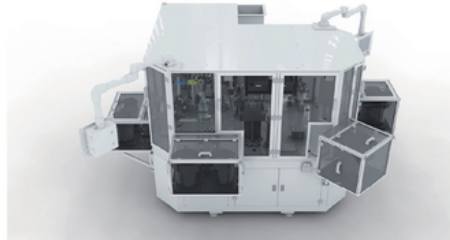
Auto parts production equipment

汽车油路管接头自动化装配、检测生产线

Auto oil pipe joint automatic assembly, testing production line

EQUIPMENT DISPLAY

设备展示



PROCESSES

主要工艺

- 自动上料
- 自动抹油
- 气密性测试
- 视觉检测
- 自动高度检测
- Automatic feeding
- Automatic oiling
- Air tightness test
- Visual inspection
- Automatic height detection

FEATURES

核心优势

- 兼容13种产品, 一键切换多种产品
- Compatible with 13 products, one click to switch a variety of products

PARAMETER

性能参数

- 生产节拍: 6秒/件
- Production cycle: 6 s/pcs

PRODUCT

主要产品

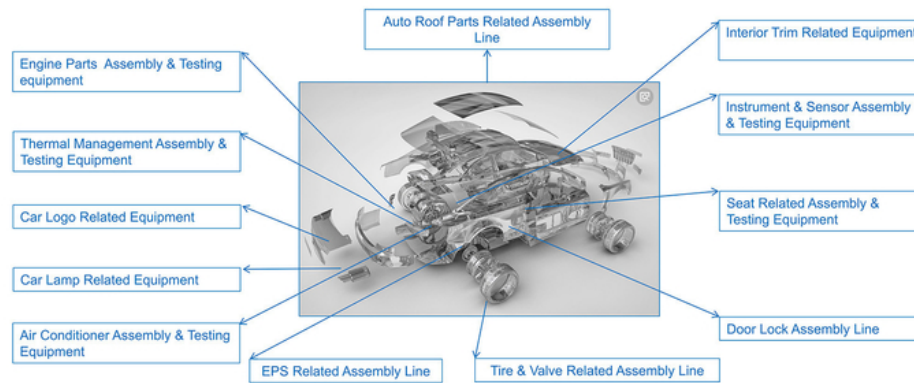


Business Global Service

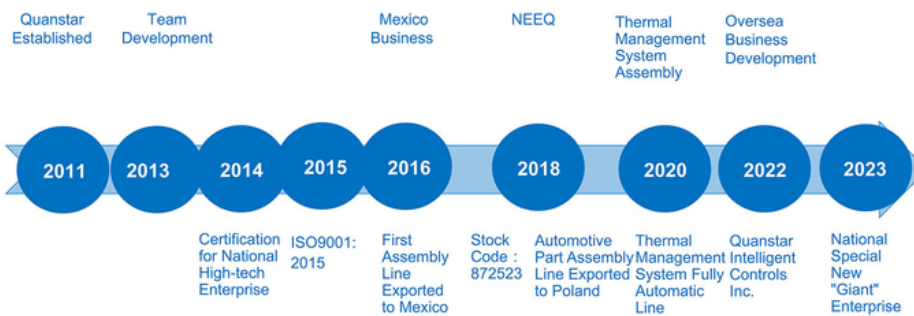


Domestic business distribution: Shanghai, Provinces of Zhejiang, Jiangsu, Guangdong, Sichuan, Hunan, Jiangxi, Gansu, Shanxi, Hebei, Anhui, Liaoning, Inner Mongolia.....





Development History



We are committed to providing customers with high-quality, competitive products and services. A project cooperation process usually includes the following key steps.



FAQ

1.Q: Are you trading company or manufacturer?

A: We are a manufacturer with over 10 years of production and development experience.

2.Q: What are your major products?

A: We are an assembly automation solution provider specialized in customized automatic machinery for production. For example, we provide customized assembly line, testing and packaging solutions to several electric vehicle (EV) manufacturers, such as component-level lines for battery packs, thermal management systems, steerings and so on.

3. Q: How long is your delivery time?

A: Usually 3 months is a production cycle, the specific delivery date should be arranged according to the product's complexity and real-time production schedule. Please contact us for the latest delivery date.

4.Q: How about your price?

A: Show us your parts and we will be glad to find solutions and provide a suitable scheme, and offer the most competitive price to you.

5.Q: What is your terms of payment ?

A: 40% deposit and 60% balance payment before delivery.

6.Q: What is the package for you machine?

A: We have standard wooden case package.

7.Q: How long is the warranty?

A: Our aftersale service is one year free warranty, and life-time maintenance guaranteed.

8.Q:What partners do you work with?

A: We can both work with customer's designated partners and propose other components partners at customer's request.
Some of our technical partners as below:

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